**Index of Claims** 



Application/Control No.

10/528,091

Examiner

Tri T. Ton

Applicant(s)/Patent under Reexamination

PETTERSSON ET AL.

Art Unit

2877

| <b>√</b> | Rejected |
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|          | Allowed  |

(Through numeral)
 Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

| Cla      | Date   |                |          |  |               |  |          |  |  |          |
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| Final    | Original                                     | 8/4/07         |          |  |               |  |          |  |  |          |
|          | 1  | N              | ┢        | -  | ┢             | -  | -        | -  | -  | H        |
|          | 2  | N              |          |  |               |  |          |  |  | П        |
|          | 3  | N              |          | $\vdash$   |               | Г  | İ        | Г  | $\vdash$   | П        |
|          | 4  | N              | -        | _  | -             | 1  | $\vdash$ | 1  | $\vdash$   | Н        |
|          | 5  | N              | _        | $\vdash$   |               | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | Н        |
|          | 6  | N              | _        | $\vdash$   |               | _  | _        | _  | ┢  | Н        |
|          | 7  | V              |          | ┢  |               | <del>                                     </del> | $\vdash$ | t  | $\vdash$   | Н        |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7              | N<br>V<br>V    | 1        | ┢  |               |  |          | 一  | -  | H        |
|          | 9  | v              | _        | _  | _             | 1  | $\vdash$ | 1  | $\vdash$   | Н        |
| $\vdash$ | 10   | ō              | $\vdash$ | $\vdash$   |               | $\vdash$   | $\vdash$ | 一  | -  | Н        |
|          | 11   | N              | _        | -  | $\vdash$      | _  | $\vdash$ | _  | _  | Н        |
|          | 12   | N              | $\vdash$ | $\vdash$   | $\vdash$      | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | Н        |
|          | 13   | N              | $\vdash$ | <del>                                     </del> | $\vdash$      | $\vdash$   | $\vdash$ | <del>                                     </del> | <del>                                     </del> | Н        |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | N              |          | Г  | $\vdash$      | <b>†</b>   |          | T  |  | Н        |
|          | 15   | N              | Г        | Г  | _             | Т  | ऻ        | Г  |  | П        |
|          | 16   | N              |          |  | $\vdash$      |  | $\vdash$ | $\vdash$   | _  | Н        |
|          | 17   | N              |          | $\vdash$   | $\vdash$      | $\vdash$   | ┢        |  | -  | $\vdash$ |
|          | 18   | N              |          |  |               |  |          | $\vdash$   |  | Н        |
|          | 19   | N              | _        | -  | -             | <del>                                     </del> | $\vdash$ | $\vdash$   |  | Н        |
|          | 20   | N              |          | H  |               | $\vdash$   | $\vdash$ | _  | -  | Н        |
|          | 21   | N              |          | $\vdash$   | $\vdash$      | _  | _        |  |  | Н        |
|          | 22   | N              | _        | $\vdash$   | $\vdash$      | _  |          |  | $\vdash$   |          |
|          | 21<br>22<br>23<br>24<br>25                   | z z > >        | _        | _  |               | $\vdash$   | $\vdash$ | $\vdash$   | _  | Н        |
|          | 24   | V              |          |  |               | -  | -        | H  | $\vdash$   |          |
|          | 25   | $\overline{v}$ | _        |  |               |  |          |  | _  |          |
|          | 26<br>27<br>28                               | $\overline{v}$ |          |  |               |  |          |  |  |          |
|          | 27   | 0              |          |  | $\overline{}$ |  | _        | Г  |  | $\vdash$ |
|          | 28   | 0              | _        |  |               |  |          |  |  | П        |
|          | 29<br>30                                     | z              | _        |  |               |  |          |  |  |          |
|          | 30   | z >            |          | _  |               |  |          |  |  | $\Box$   |
|          | 31   | Z              |          |  |               |  |          |  |  | П        |
| П        | 32   | z              |          |  |               |  |          |  |  | П        |
|          | 32<br>33                                     | <b>z</b>  >    |          |  |               |  | -        |  |  | Н        |
| ГΠ       | 34   | 0              |          | $\Box$   |               |  |          |  |  | Н        |
|          | 35   | V              |          |  |               | П  |          |  |  | $\sqcap$ |
|          | 36   | <              |          | $\Box$   |               |  |          |  |  | П        |
| П        | 37   | >              |          |  |               |  |          |  |  | П        |
|          | 38   | >              |          |  |               |  |          |  |  | П        |
| •        | 39   | >              |          |  |               |  |          |  |  | П        |
|          | 40   | V              |          |  |               | П  |          |  |  | $\sqcap$ |
|          | 41   |                |          |  |               |  |          |  |  | $\Box$   |
|          | 42   |                |          |  |               |  |          |  |  |          |
|          | 43   |                |          |  |               |  |          |  |  |          |
|          | 44   |                |          |  |               |  |          |  |  |          |
|          | 45   |                |          |  |               |  |          |  |  |          |
|          | 46   |                |          |  |               |  |          |  |  |          |
|          | 47   |                |          |  |               |  |          |  |  |          |
|          | 48   |                |          |  |               |  |          |  |  |          |
|          | 49   |                |          |  |               |  |          |  |  |          |
|          | 50   |                |          |  |               |  |          |  |  |          |

|              | Claim         |                      |              | Date     |  |              |  |              |  |  |          |          |
|--------------|---------------|----------------------|--------------|----------|--|--------------|--|--------------|--|--|----------|----------|
|              |               | _                    |              |          |  |              |  |              |  |  |          | 1:       |
|              | ਲ             | Original             | ĺ            | İ        | ĺ  | l            |  |              | 1  | İ  |          | 1.4      |
|              | Final         | <u>:</u> 6           | l            |          |  | l            |  |              |  |  |          | 1.       |
| [            | ш.            | ŏ                    | l            |          |  | l            | l  |              |  |  |          | L        |
|              |               |                      | _            | _        | ļ  | _            |  | ┡            | _  | ╙  | <u> </u> | 1.       |
| Ļ            |               | 51<br>52             | L            | _        | _  | _            | _  | _            |  |  | _        | ن ا      |
| - 1          |               | 52                   |              | 1        |  |              |  | 1            |  |  |          | 1.       |
| Γ            |               | 53                   | П            | П        |  |              |  |              |  |  |          | 1        |
| ħ            |               | 54                   |              |          |  |              |  |              |  | $\vdash$   | $\vdash$ | 1.,,     |
| h            |               | 54<br>55             | ┢            | ╌        | ╁  | ┢            | ┢  | -            | ╁─   | ┢  | ⊢        | - 1      |
| ŀ            |               | 56                   |              | -        | ┢╌   | ┝            | ┝  | -            | ├  | ├  | ├        | ┨        |
| -            |               | 20                   | ┡            | $\vdash$ | _  | ⊢            | ├-   | 1_           | -  | ⊢  | _        | 4        |
| Ļ            |               | 57                   | <u> </u>     | L        | <u> </u>   | _            | <u> </u>   | _            | L_   | _  | _        | 1.       |
| L            |               | 58                   |              | L        |  | _            |  | _            |  |  |          | -        |
|              |               | 59                   |              |          |  |              | ŀ  | 1            |  |  |          | l        |
| Γ            |               | 60                   |              |          |  |              |  |              |  |  |          | 1        |
| Ī            |               | 61                   | Г            | Г        | Т  |              | _  |              | <b>†</b>   |  |          | 1        |
| -  -         |               | 62                   | -            | Н        | <del>                                     </del> | $\vdash$     | <del>                                     </del> | $\vdash$     | <del> </del>                                     | _  | ╁        | 1.       |
| }-           |               | 63                   | ┝            | ⊢        | -  | -            | ⊢  | ⊢            | -  | ⊢  | ├        | şì.      |
| ľ            | _             | 03                   | ļ.—          | <u> </u> | <u> </u>   | -            | -  | _            | -  | ⊢  | <u> </u> | 1        |
| Ļ            |               | 64                   | <u> </u>     | _        | _  | _            | <u>_</u>   | _            |  | L.   | <u> </u> | 1.       |
|              |               | 65                   | <u> </u>     |          |  |              | _  | L            |  |  |          | ]"       |
| 1            |               | 66<br>67             | 1            |          |  |              |  |              |  |  |          | 1.       |
| ٠ſ           |               | 67                   |              |          |  |              |  |              |  | Г  |          | ] .      |
| ı            | $\neg \neg$   | 68                   | $\vdash$     |          | $\vdash$   |              | $\vdash$   | $\vdash$     | 1  | T  | Т        | 0        |
| ·            |               | 69                   | -            | -        | ╁─   | $\vdash$     | ⊢  | -            | $\vdash$   | ┢  | ┢        | 1        |
| :  -         |               | 70                   | _            | -        | -  | $\vdash$     | $\vdash$   | -            | ┤  | ⊢  | ⊢        | 1        |
| 7            | _             | 70                   |              | <u> </u> | -  | ┡            | _  | $\vdash$     | ⊢  | _  | <u> </u> | 1        |
| -            |               | 71                   | ┕            | L.       | ╙  | L            | _  | <u> </u>     | <u> </u>   | L  |          | 1.00     |
| L            |               | 72                   |              |          | $oxed{oxed}$                                     | L            |  | $oxed{oxed}$ | <u> </u>   | _  |          | ñ.       |
|              |               | 72<br>73<br>74<br>75 |              |          |  | i            |  | 1            |  |  |          | ·st      |
| 3            |               | 74                   |              |          | П  |              |  |              |  |  |          | 100      |
| 1            |               | 75                   | $\vdash$     |          |  | $\vdash$     |  |              | $\vdash$   | <del>                                     </del> |          | 1        |
| ┢            |               | 76                   | $\vdash$     | _        | 1  | $\vdash$     | $\vdash$   | ┢            | -  | -  | -        | 1        |
| H            | $\overline{}$ | 77                   | ├            | -        | ╌  | $\vdash$     |  | -            | ├  | -  | -        | 1        |
| ┝            |               | 77<br>78             | <del> </del> | -        |  | ├            |  | -            | ⊢  | _  | <u> </u> | 1        |
| ┝            |               | 78                   | _            | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>   |              | _  | _  | <u> </u> | ŀ        |
| ·            |               | 79                   |              | _        |  | L_           |  |              | _  | <u> </u>   | _        |          |
| #L           |               | 80                   | _            |          |  |              |  |              |  |  |          | 83       |
| L            | - 1           | 81                   |              |          |  |              |  |              |  |  |          | 1        |
| ٠ſ           |               | 82                   |              |          |  |              |  |              |  |  |          | 1        |
| ा            |               | 83<br>84             |              |          | Т  |              |  |              | Г  | T  |          | 1        |
| 1            |               | 84                   | Т            |          |  | _            |  | Ι            | $\vdash$   | $\vdash$   | $\vdash$ |          |
| . Ի          | $\neg$        | 85                   | Н            | $\vdash$ | 1  | -            |  | $\vdash$     | <del>                                     </del> | -  | -        |          |
| ` <b> </b> - |               | 00                   | -            | -        | -  |              | -  | ⊢            | ⊢  | ├  | $\vdash$ | ₹.       |
| ┝            |               | 86                   | _            | _        |  |              | -  | _            | <b>—</b>   | ├  | _        |          |
| L            |               | 87                   |              | _        | _  |              | $ldsymbol{ldsymbol{eta}}$                        | L            | _  | L_   | _        | 1.       |
| L            |               | 88                   |              |          |  |              |  |              |  |  |          | 4        |
| 1            |               | 89                   |              |          |  |              |  | ĺ            |  |  |          |          |
| . [          |               | 90                   |              |          |  |              |  |              |  |  |          | 1        |
| . [          |               | 91                   |              |          |  |              |  |              |  | $\overline{}$                                    | _        | 1.       |
| -            |               | 92                   |              | -        |  |              |  |              |  | -  | ┢        |          |
| -            |               | 92<br>93             |              | -        |  | <del> </del> | Н  | -            | -  | -  | -        | <u> </u> |
| ·  -         |               | 93                   | <u> </u>     | -        | <b>—</b>   | _            | Ь.   | _            | -  | <u> </u>   | _        |          |
| Ļ            |               | 94                   | Щ            |          | <u> </u>   |              | _  | _            | <u> </u>   | Ш  |          | ١.       |
| L            |               | 95                   |              |          | L_   |              | $oxed{oxed}$                                     |              | $oxed{oxed}$                                     | L.   |          |          |
| ٠L           |               | 96                   |              |          |  |              |  | L            | LĪ   | L  |          |          |
| ſ            |               | 97                   |              |          |  |              |  |              |  |  |          |          |
| ٦.           |               | 98                   |              |          |  |              |  |              |  |  |          |          |
|              |               | 99                   |              |          |  |              |  |              | Т  |  |          |          |
| ·            |               | 100                  | $\vdash$     |          | _  |              | _  |              | $\vdash$   | $\vdash$   | $\vdash$ | . 1      |
|              |               | 100                  |              | ا        | Ц  |              |  | L            |  |  |          | 1        |

|   | Claim |   | Date     |          |          |          |   |          |          |          |          |    |
|---|-------|---|----------|----------|----------|----------|---|----------|----------|----------|----------|----|
|   | Final | Original  |          |          |          |          |   |          |          |          |          |    |
|   |       | 101   |          |          |          |          |   |          |          |          | П        |    |
| ٠,  |       | 102<br>103  |          |          |          |          |   |          |          |          |          |    |
|   |       | 103   |          |          | L        |          |   | L        |          |          |          | l  |
| e n                                       |       | 104   |          | <u>_</u> | <u>_</u> | _        | L | L        | _        |          | _        |    |
|   |       | 105   |          | <u> </u> | <u> </u> |          | L |          | L_       | L_       | $\Box$   |    |
|   |       | 105<br>106<br>107   | _        |          |          |          | _ | _        | _        | Щ        | _        |    |
|   |       | 107   |          |          | _        | _        | _ | _        | _        |          |          | l  |
|   |       | 108<br>109<br>110   |          |          |          |          |   |          |          |          |          |    |
| Ì   |       | 109   | _        | _        | _        | _        | - | <u> </u> | -        | $\vdash$ | _        |    |
|   |       | 110   | _        | _        | _        |          | ⊢ |          | -        | -        | H        | ١  |
|   |       | 111<br>112<br>113   | _        | -        |          |          |   | -        |          | H        |          |    |
|   |       | 113   | _        |          | $\vdash$ | _        | - | _        | -        | -        | _        |    |
|   |       | 114   |          |          | H        |          |   |          | $\vdash$ | -        | -        |    |
| 3   |       | 115   | _        |          | $\vdash$ |          | - | _        |          |          | -        | 1  |
|   | -     | 114<br>115<br>116<br>117  |          |          | H        |          |   |          |          |          | -        |    |
|   |       | 117   |          |          | $\vdash$ |          |   |          |          |          |          | ١. |
|   |       | 118   |          |          |          |          |   |          |          |          |          |    |
|   |       | 119   |          |          |          |          |   |          |          |          |          |    |
| -   |       | 120   |          |          |          |          |   |          |          |          |          |    |
| i   |       | 121   |          |          |          |          |   |          |          |          |          |    |
|   |       | 122   |          |          |          |          |   |          |          |          |          |    |
|   |       | 123   |          |          |          |          |   |          |          |          |          |    |
| i de                                      |       | 124   |          |          | Ш        |          |   |          |          | Ш        |          |    |
|   |       | 125   |          |          | Ш        |          |   |          | _        |          |          |    |
| and<br>and                                |       | 126   | _        |          | Ш        |          |   |          |          | Ш        |          |    |
| - 1                                       |       | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          |          | Щ        |          |   |          |          | Ш        |          | ١. |
| -   |       | 128   |          |          | Н        | _        |   | _        | _        |          |          |    |
| ů.  |       | 129   | -        |          | Н        | _        |   |          |          |          |          |    |
|   |       | 131   |          |          | Н        |          | Н |          |          | Н        | _        |    |
|   |       | 132   |          | _        |          |          | Н |          |          | Н        |          |    |
| 100                                       |       | 133   |          |          |          |          |   |          |          | Н        |          |    |
|   |       | 134   |          |          |          |          | - |          |          |          |          |    |
|   |       | 131<br>132<br>133<br>134<br>135<br>136<br>137   |          |          |          |          |   |          |          |          |          |    |
| Ġ   |       | 136   |          |          |          |          |   |          |          |          |          |    |
|   |       | 137   |          |          |          |          |   |          |          |          |          |    |
|   |       | 138<br>139<br>140   |          |          |          |          |   |          |          |          |          |    |
|   |       | 139   | $\Box$   |          |          |          |   |          |          |          |          |    |
|   |       | 140   |          |          |          |          |   |          | Ш        |          | _        |    |
|   |       | 141   | _        | _        |          | _        |   |          |          |          | _        |    |
| - 1                                       |       | 142   | $\dashv$ | _        | $\dashv$ |          |   |          |          |          | _        |    |
|   |       | 143   |          | _        |          |          |   | _        |          |          |          |    |
| 19 18 18 18 18 18 18 18 18 18 18 18 18 18 |       | 144<br>145  | $\dashv$ | _        |          | -        | - |          |          |          | $\dashv$ |    |
| 27  |       | 146   | $\dashv$ | $\dashv$ | -        | -        | - | -        | -        | -        | $\dashv$ |    |
| T)  |       | 147   | $\dashv$ | $\dashv$ |          | -        |   | -        | $\dashv$ | -        | $\dashv$ |    |
|   |       | 147<br>148  | $\dashv$ | $\dashv$ | $\vdash$ | -        |   | -        | $\dashv$ | -        | $\dashv$ |    |
|   |       | 149   | $\dashv$ | $\dashv$ |          | $\dashv$ |   |          | $\dashv$ | $\dashv$ | $\dashv$ |    |
|   |       | 150   |          | $\neg$   | $\neg$   | $\neg$   |   | ₸        |          | $\neg$   |          | •  |
| L   |       |   |          |          |          |          |   |          |          |          |          |    |